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186 -001

Ritter® by MIDMARK

Air Lift Stool

Service and Parts Manual

Serial Number Prefix:
S

FOR USE BY MIDMARK
TRAINED TECHNICIANS ONLY

SF-1521

Part No. 004-0035-00 Rev. B (1/03)

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IMPORTANT INSTRUCTIONS

General Safety Instructions

Safety First: The primary concern of Midmark Corporation is that this table is maintained with the safety of the patient and staff in mind. To assure that services and repairs are completed safely and correctly, proceed as follows:

(1) Read this entire manual before performing any services or repairs on this stool.

(2) Be sure you understand the instructions contained in this manual before attempting to service or repair this stool.

Safety Alert Symbols

Throughout this manual are safety alert symbols that call attention to particular procedures. These items are used as follows:

DANGER

A DANGER is used for an imminently hazardous operating procedure, practice, or condition which, if not correctly followed, will result in loss of life or serious personal injury.

WARNING

A WARNING is used for a potentially hazardous operating procedure, practice, or condition which, if not correctly followed, could result in loss of life or serious personal injury.

CAUTION

A CAUTION is used for a potentially hazardous operating procedure, practice, or condition which, if not correctly followed, could result in minor or moderate injury. It may also be used to alert against unsafe practices.

EQUIPMENT ALERT

An EQUIPMENT ALERT is used for an imminently or potentially hazardous operating procedure, practice, or condition which, if not correctly followed, will or could result in serious, moderate, or minor damage to unit.

NOTE

A NOTE is used to amplify an operating procedure, practice or condition.

Warranty Instructions

Refer to the Midmark "Limited Warranty" printed in the Installation and Operation Manual for warranty information. Failure to follow the guidelines listed below will void the warranty and/or render the 186 Stool unsafe for operation.

- In the event of a malfunction, do not attempt to use the stool until necessary repairs have been made.
- Do not attempt to disassemble stool, replace malfunctioning or damaged components, or perform adjustments unless you are one of Midmark's authorized service technicians.
- Do not substitute parts of another manufacturer when replacing inoperative or damaged components. Use only Midmark replacement parts.

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SECTION VI
PARTS LIST

6.1 Introduction

The illustrated parts list provides information for identifying and ordering the parts necessary to maintain the unit in peak operating condition. Refer to paragraph 1.5 for parts ordering information.

The parts list also illustrates disassembly and assembly relationships of parts.

6.2 Description of Columns

The *Item* column of the parts list gives a component its own unique number. The same number is given to the component in the parts illustration. This allows a part number of a component to be found if the technician can visually spot the part on the illustration. The technician simply finds the component in question on the illustration and notes the item number of that component. Then, he finds that item number in the parts list. The row corresponding to the item number gives the technician the part number, a description of the component, and quantity of parts per subassembly. Also, if a part number is known, the location of that component can be determined by looking for the item number of the component on the illustration.

The *Part No.* column lists the MIDMARK part number for that component.

The *Description* column provides a physical description of the component.

The *Qty.* column lists the number of units of a particular component that is required for the subassembly. The letters “AR” denote “as required” when quantities of a particular component cannot be determined, such as: adhesive.

Bullets { • } in the *Part No.* column and the *Description* column show the indenture level of a component. If a component does not have a bullet, it is a main component of that illustration. If a component has a bullet, it is a subcomponent of the next component listed higher in the parts list than itself that does not have a bullet. Likewise, if a component has two bullets, it is a subcomponent of the next component listed higher in the parts list than itself that has only one bullet.

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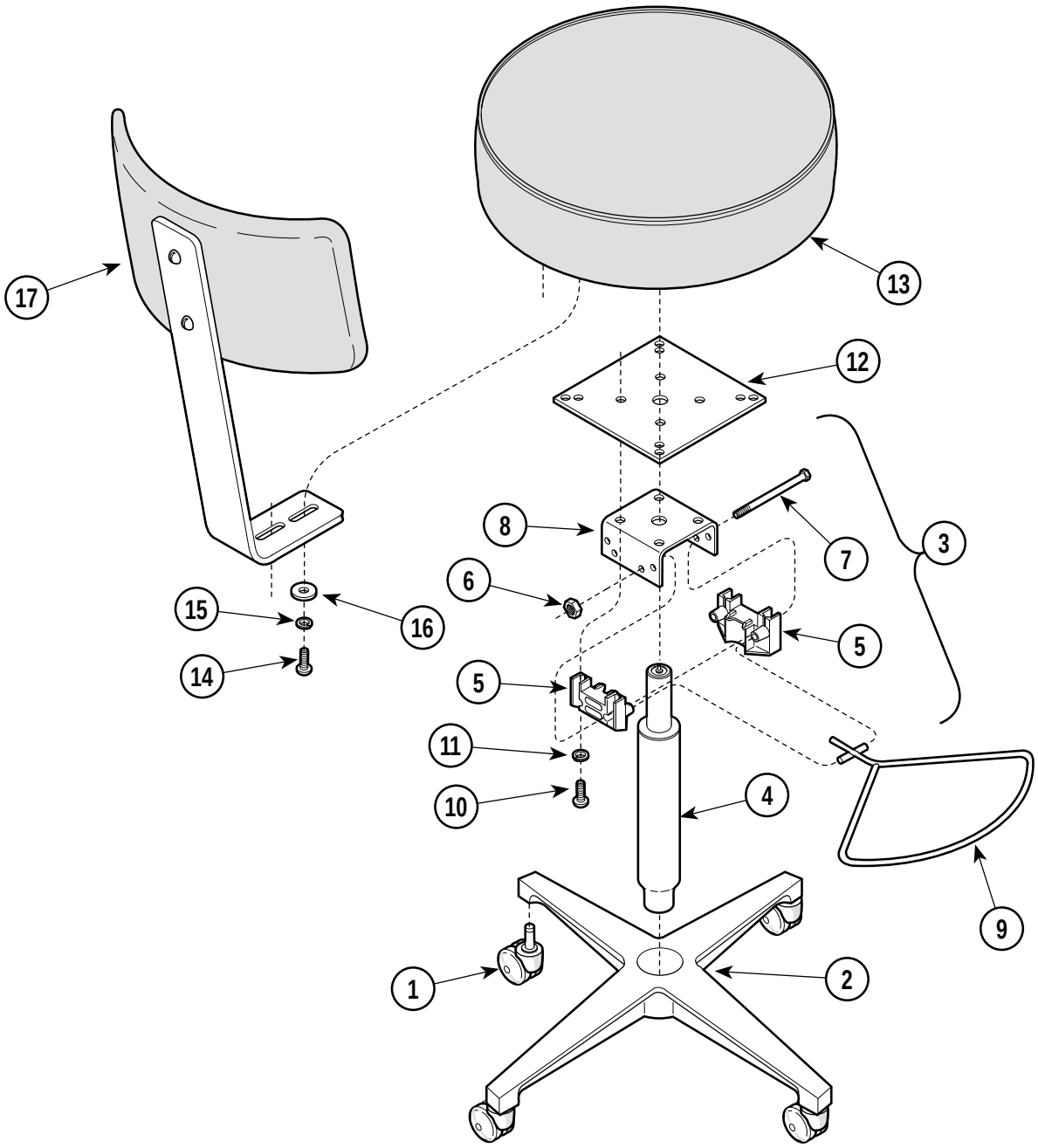
186 Stool Assembly



MA332300

Used On Units With Serial Number S46915 thru S73939

Item	Part No.	Description	Qty.
	186-001	Stool Assembly (Incl. Items 1 thru 17) ..	1
1	• 016-0169-00	• Twin Wheel Caster	4
2	• 016-0282-00	• Four Point Base	1
3	• 016-0295-00	• Gas Lift with / Release (Includes Items 4 thru 8)	1
4	• • 016-0295-01	• • Gas Cylinder	1
5	• • 016-0090-02	• • Die Cast Jaw	2
6	• • 016-0090-03	• • Hex Nut	1
7	• • 016-0090-04	• • Hex Screw	1
8	• • 016-0090-01	• • "U" Bracket	1
9	• 030-0271-00	• Release Handle Weldment	1
10	• 040-0312-04	• Screw	4
11	• 045-0001-25	• Lockwasher	4
12	• 050-0805-00	• Support Plate	1
13	• 002-0580-00	• Upholstered Stool Seat Pad (Specify Color)	1
14	• 040-0250-28	• Screw	2
15	• 045-0001-03	• Lockwasher	2
16	• 045-0001-29	• Washer	2
17	• 002-0329-00	• Upholstered Backrest Assembly {with Bracket} (Specify Color)	1
	• • 002-0390-00	• • Upholstered Backrest (Specify Color)	1

Always Specify Model & Serial Number

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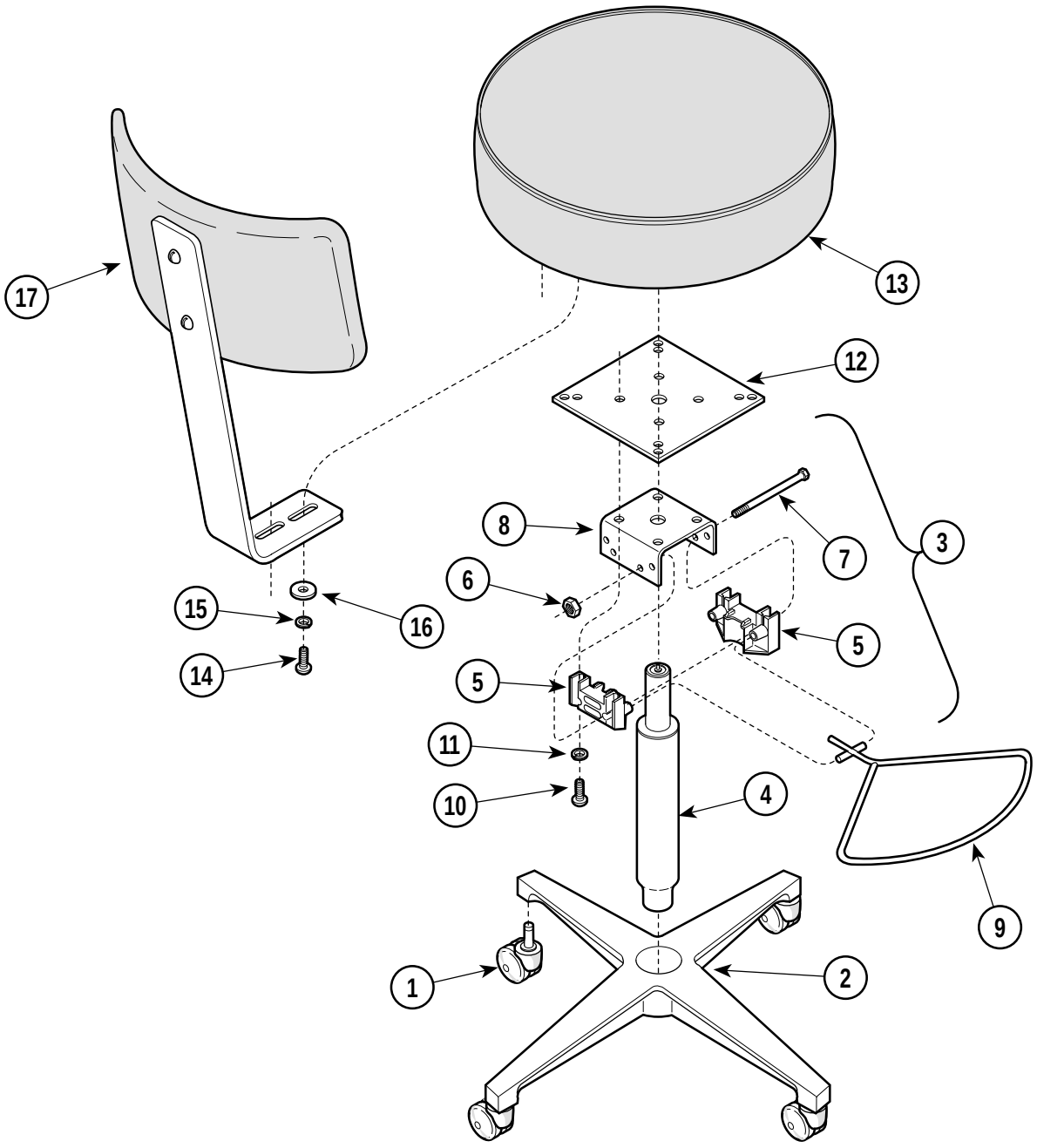
186 Stool Assembly



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Used On Units With Serial Number S73940 thru S74339

Item	Part No.	Description	Qty.
	186-001	Stool Assembly (Incl. Items 1 thru 17) ..	1
1	• 016-169-00	• Twin Wheel Caster	4
2	• 020-0074-00	• Four Point Base	1
3	• 016-0295-00	• Gas Lift with / Release (Includes Items 4 thru 8)	1
4	• • 016-0295-01	• • Gas Cylinder	1
5	• • 016-0090-02	• • Die Cast Jaw	2
6	• • 016-0090-03	• • Hex Nut	1
7	• • 016-0090-04	• • Hex Screw	1
8	• • 016-0090-01	• • "U" Bracket	1
9	• 030-0271-00	• Release Handle Weldment	1
10	• 040-0312-04	• Screw	4
11	• 045-0001-25	• Lockwasher	4
12	• 050-0805-00	• Support Plate	1
13	• 002-0580-00	• Upholstered Stool Seat Pad (Specify Color)	1
14	• 040-0250-28	• Screw	2
15	• 045-0001-03	• Lockwasher	2
16	• 045-0001-29	• Washer	2
17	• 002-0329-00	• Upholstered Backrest Assembly {with Bracket} (Specify Color)	1
	• • 002-0390-00	• • Upholstered Backrest (Specify Color)	1

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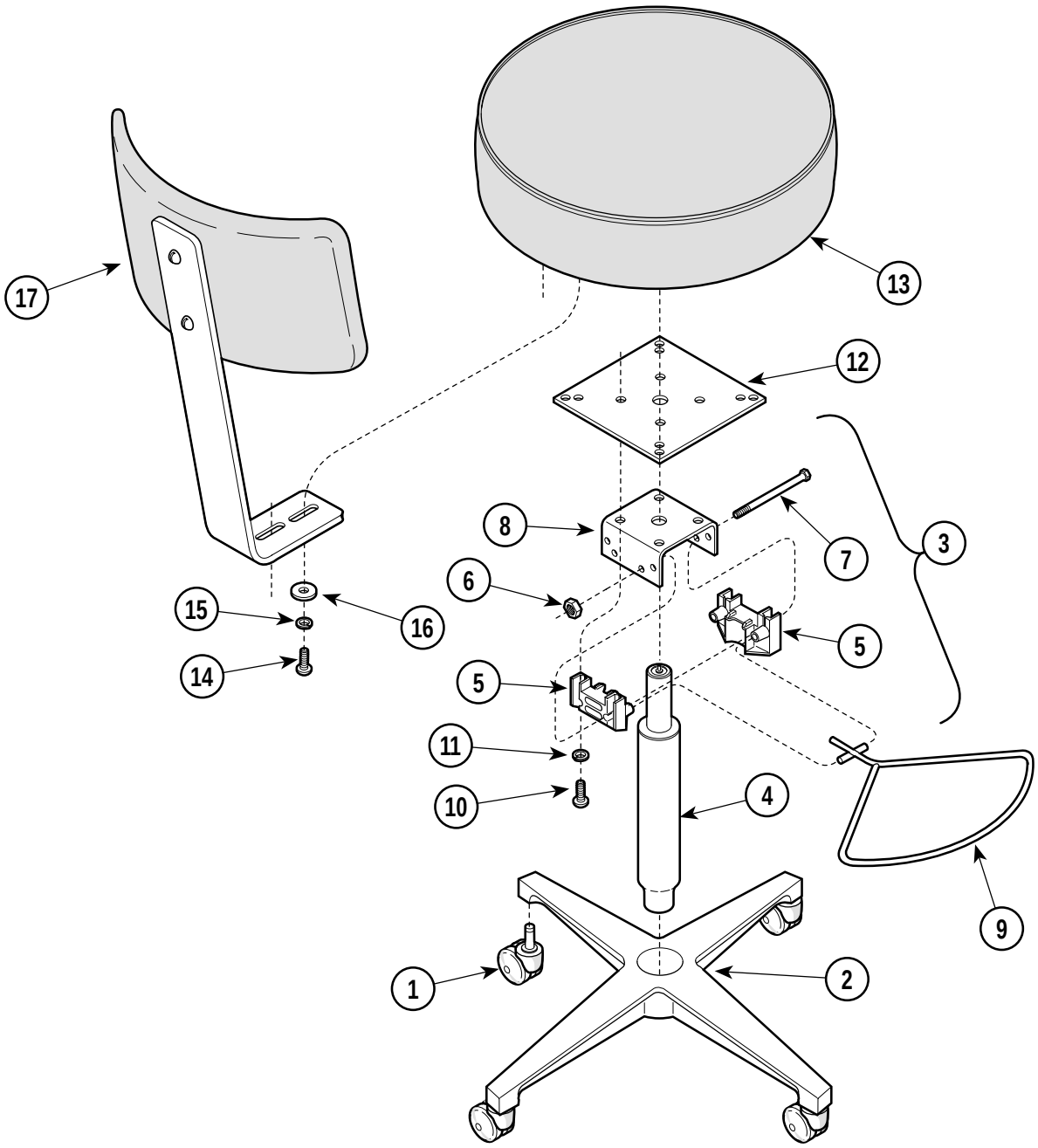
186 Stool Assembly



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Used On Units With Serial Number S74340 thru S249499

Item	Part No.	Description	Qty.
	186-001	Stool Assembly (Incl. Items 1 thru 17) ..	1
1	• 016-0362-00	• Twin Wheel Caster	4
2	• 020-0074-00	• Four Point Base	1
3	• 016-0295-00	• Gas Lift with / Release (Includes Items 4 thru 8)	1
4	• • 016-0295-01	• • Gas Cylinder	1
5	• • 016-0090-02	• • Die Cast Jaw	2
6	• • 016-0090-03	• • Hex Nut	1
7	• • 016-0090-04	• • Hex Screw	1
8	• • 016-0090-01	• • "U" Bracket	1
9	• 030-0271-00	• Release Handle Weldment	1
10	• 040-0312-04	• Screw	4
11	• 045-0001-25	• Lockwasher	4
12	• 050-0805-00	• Support Plate	1
13	• 002-0580-00	• Upholstered Stool Seat Pad (Specify Color)	1
14	• 040-0250-28	• Screw	2
15	• 045-0001-03	• Lockwasher	2
16	• 045-0001-29	• Washer	2
17	• 002-0329-00	• Upholstered Backrest Assembly {with Bracket} (Specify Color)	1
	• • 002-0390-00	• • Upholstered Backrest (Specify Color)	1

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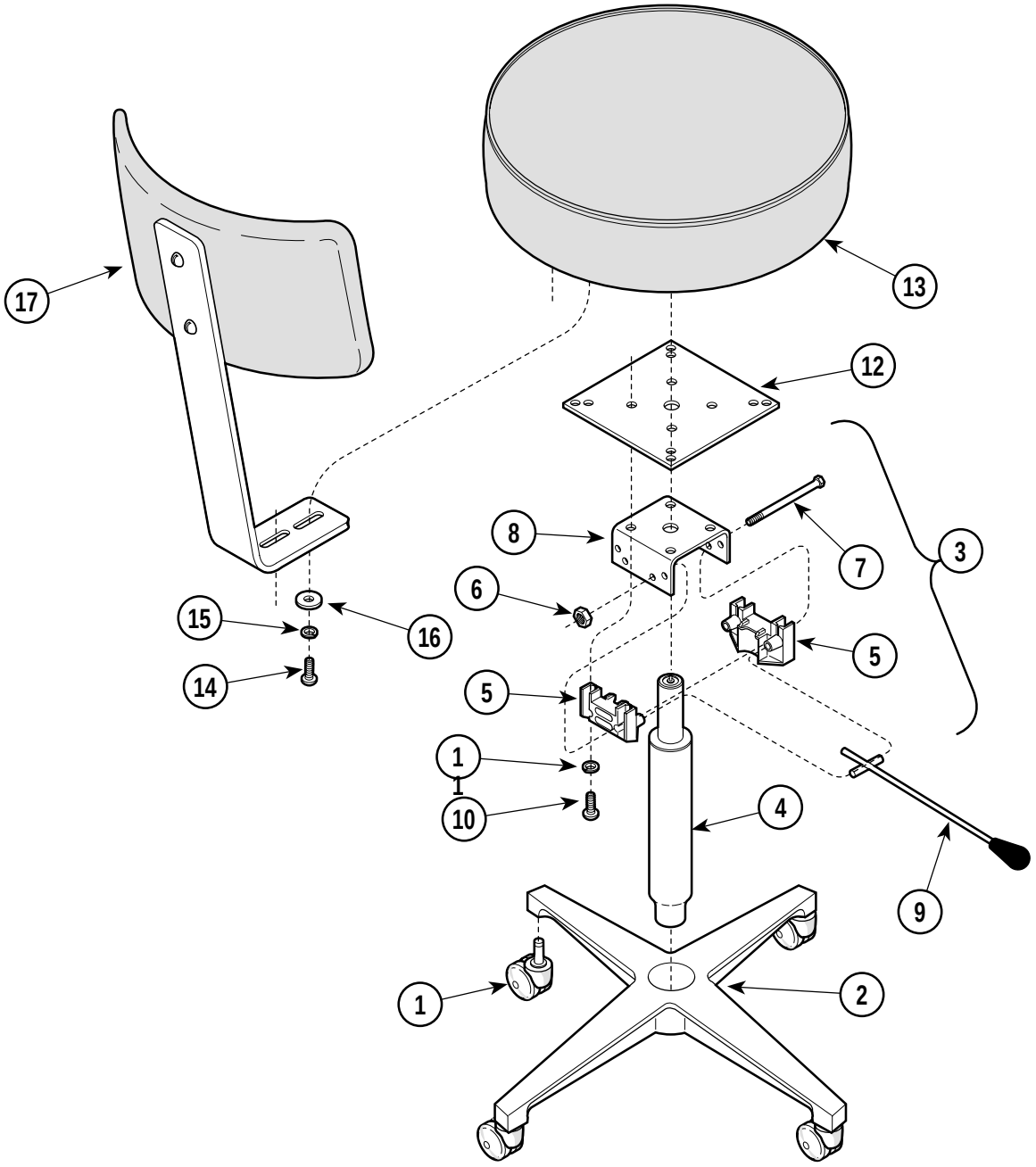
186 Stool Assembly



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Used On Units With Serial Number S249499 thru S384264

Item	Part No.	Description	Qty.
	186-001	Stool Assembly (Incl. Items 1 thru 17) ..	1
1	• 016-0675-00	• Twin Wheel Caster	4
2	• 020-0074-00	• Four Point Base	1
3	• 016-0295-00	• Gas Lift with / Release (Includes Items 4 thru 9)	1
4	• • 016-0295-01	• • Gas Cylinder	1
5	• • 016-0090-02	• • Die Cast Jaw	2
6	• • 016-0090-03	• • Hex Nut	1
7	• • 016-0090-04	• • Hex Screw	1
8	• • 016-0090-01	• • "U" Bracket	1
9	• • 016-0090-05	• • Release Handle Weldment	1
10	• 040-0312-04	• Screw	4
11	• 045-0001-25	• Lockwasher	4
12	• 050-0805-00	• Support Plate	1
13	• 002-0580-00	• Upholstered Stool Seat Pad (Specify Color)	1
14	• 040-0250-28	• Screw	2
15	• 045-0001-03	• Lockwasher	2
16	• 045-0001-29	• Washer	2
17	• 002-0329-00	• Upholstered Backrest Assembly {with Bracket} (Specify Color)	1
	• • 002-0390-00	• • Upholstered Backrest (Specify Color)	1

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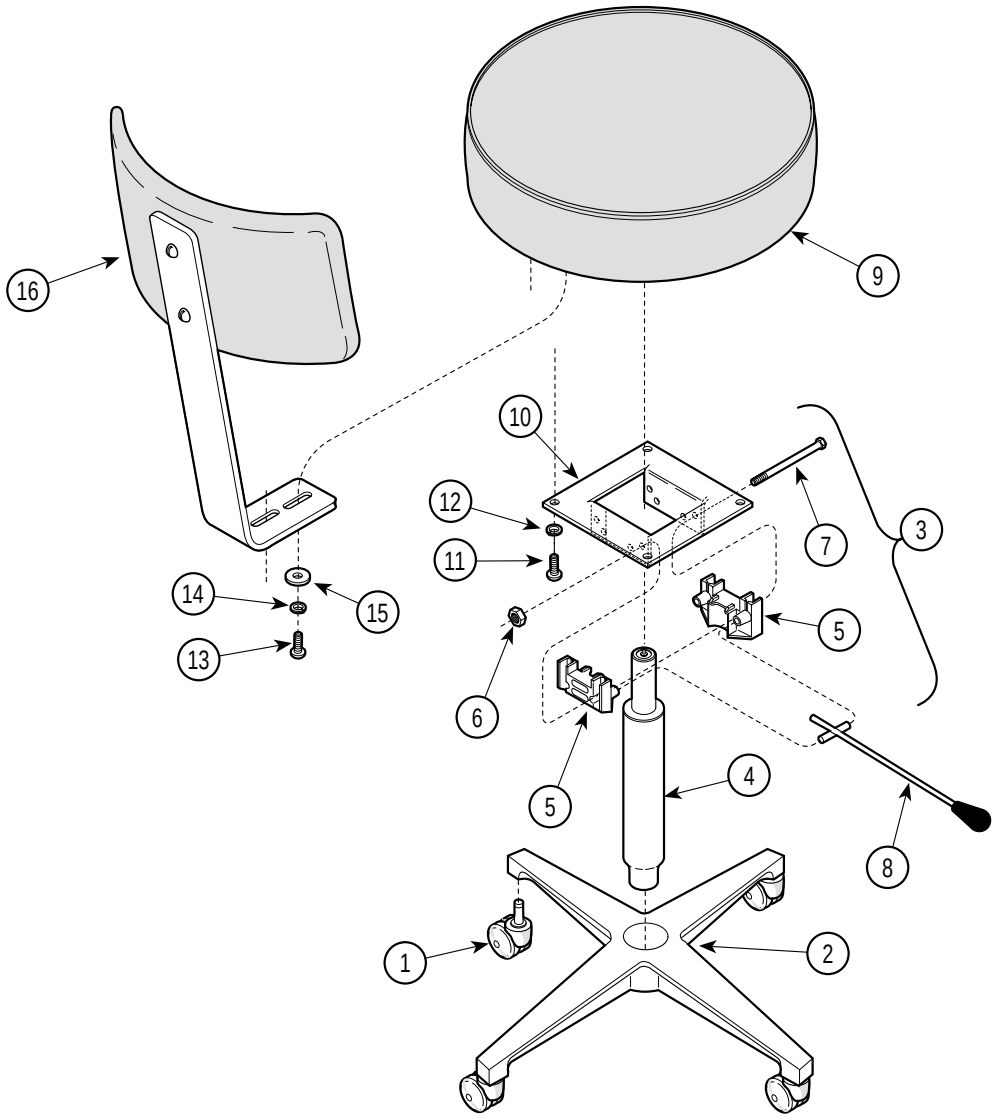
186 Stool Assembly



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Used On Units With Serial Number S384265 thru Present

Item	Part No.	Description	Qty.
	186-001	Stool Assembly (Incl. Items 1 thru 16) ...	1
1	• 016-0675-00	• Twin Wheel Caster	4
2	• 020-0074-00	• Four Point Base	1
3	• 016-0295-03	• Gas Lift with / Release (Includes Items 4 thru 8)	1
4	• • 016-0295-01	• • Gas Cylinder	1
5	• • 016-0090-02	• • Die Cast Jaw	2
6	• • 016-0090-03	• • Hex Nut	1
7	• • 016-0090-04	• • Hex Screw	1
8	• • 016-0090-05	• • Release Handle Weldment	1
9	• 002-0580-00	• Uph. Stool Seat (specify color) *(includes items 10 thru 12)*	1
10	• • 050-4466-40	• • Support Plate With Bracket	1
11	• • 040-0250-03	• • Screw	4
12	• • 045-0001-03	• • Lockwasher	4
13	• 040-0250-28	• Screw	2
14	• 045-0001-03	• Lockwasher	2
15	• 045-0001-29	• Washer	2
16	• 002-0329-00	• Uph. Backrest Assembly (w/Bracket) (specify color)	1
	• • 002-0390-00	• • Uph. Backrest only (specify color)	1

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FAX ORDERING FORM

(SERVICE PARTS ONLY)

NOTES:

- **ALL BLOCKED AREAS MUST BE COMPLETED.**
- **USE FOR NON-WARRANTY FAX ORDERS ONLY. WARRANTY ORDERS MUST BE TELEPHONED IN (1-800-MIDMARK).**

ATTENTION: SERVICE DEPARTMENT FAX#: 877-249-1793

ACCT #: _____ **P.O. #:** _____ **DATE:** _____

NAME: _____ **SHIP TO:** _____

ADDRESS: _____

CITY, ST.: _____

CONTACT: _____

PHONE: _____

☐ **NON-EMERGENCY ORDER - TO SHIP WITHIN 72 HOURS IF PART(S) IN STOCK.**

☐ **EMERGENCY ORDER - TO SHIP WITHIN 24 HOURS IF PART(S) IN STOCK (IF ORDER IS RECEIVED BEFORE 1:30 P.M. E.S.T).**

SEND NOTIFICATION IF PARTS ARE NOT AVAILABLE TO SHIP WITHIN 24 HOURS VIA E-MAIL OR FAX TO: _____

METHOD OF SHIPMENT **OTHER** _____

UPS	FED EX
☐ NEXT DAY A.M.	☐ NEXT DAY A.M.
☐ NEXT DAY P.M.	☐ NEXT DAY P.M.
☐ 2ND DAY	☐ 2ND DAY
☐ GROUND	☐ ECONOMY

QTY.	PART #	DESCRIPTION (SPECIFY COLOR OF ITEM IF APPLICABLE)	COLOR CODE	PRICE/PER

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